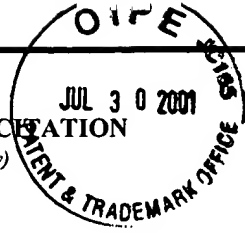


**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)



Docket Number (Optional) <b>DD-023-1-US-01</b>		Application Number <b>09/843,005</b>	
Applicant(s) <b>Middlestadt et al.</b>			
Filing Date <b>04/26/2001</b>		Group Art Unit <b>1734</b> <del>N/A</del>	

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
llg		4,120,034	10/10/78	Fisk et al.	364	518	
llg		4,181,558	01/01/80	Neubronner	156	355	
llg		4,332,635	06/01/82	Holbrook et al.	156	256	
llg		4,795,510	01/03/89	Wittrock et al.	156	64	
llg		4,925,521	05/15/90	Asbury et al.	156	517	
llg		5,021,111	06/04/91	Swenson et al.	156	264	
llg		5,415,716	05/16/95	Kendall	156	256	
llg		6,007,660	12/28/99	Forkert	156	256	

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

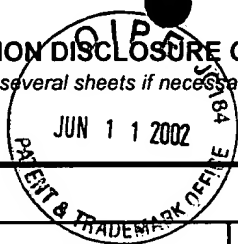
**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER <b>Linda L. Gray</b>	DATE CONSIDERED <b>1-24-03</b>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY DOCKET NO.  
DD-023 US-01

SERIAL NO.  
09/843,005

Scott K. Middelstadt et al.

FILING  
04/26/2001

GROUP  
Art Unit ~~1734~~ 1734

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
llg	2,987,108	06/06/61	Kilmartin	156	504	
llg	3,939,032	02/17/76	Taitel et al.	156	505	
llg	4,106,974	08/15/78	Hirsch	156	504	
llg	4,120,739	10/17/78	Peeters et al.	156	506	
llg	4,157,934	06/12/79	Ryan et al.	156	504	
llg	4,190,483	02/26/80	Ryan et al.	156	504	
llg	4,450,039	05/22/84	Salvucci et al.	156	504	
llg	4,481,053	11/06/84	Tokuno et al.	156	157	
llg	4,589,943	05/20/86	Kimball et al.	156	255	
llg	4,720,320	01/19/88	Niemi	156	504	
llg	4,668,328	05/26/87	Kyytsonen	156	502	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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JUN 18 2002  
TC 1700

EXAMINER

Linda L. Hay

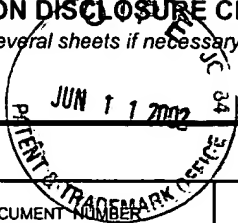
DATE CONSIDERED

1-24-03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

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ATTY DOCKET  
DD-0254-US-01

SERIAL NO.  
09/843,005

Scott K. Middelstadt et al.

FILING  
04/26/2001

GROUP  
ArtUnit ~~1734~~ 1734

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ella	4,772,489	02/02/88	Wommer	242	58.14	
ella	5,501,763	03/26/96	Ueda et al.	156	504	
ella	6,013,148	01/11/00	Bluemle	156	159	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER Linda L. Gray	DATE CONSIDERED 1-24-03
---------------------------	----------------------------

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# INFORMATION DISCLOSURE CITATION

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JUN 17 2002

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ATTY DOCKET NO.

DD-023-1-US-01

SERIAL NO.

09/843,005

Scott K. Middelstadt et al.

FILING

04/26/2001

GROUP

ArtUnit ~~1734~~ 1734

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
llg	3,886,033	05/27/75	MacDonald et al.	156	522	
llg	4,405,066	09/20/83	Roccaforte	225	43	
llg	4,506,816	03/26/85	Roccaforte	225	43	
llg	4,580,709	04/08/86	Roccaforte	225	43	
llg	4,917,327	04/17/90	Asbury et al.	242	58.1	
llg	5,029,768	07/09/91	Asbury et al.	242	58.1	
llg	5,078,311	01/07/92	Taguchi et al.	225	43	
llg	5,573,626	11/12/96	Rossini et al.	156	361	
llg	5,624,526	04/29/97	Perecman et al.	156	361	
llg	5,692,699	12/02/97	Weirauch et al.	242	556.1	
llg	5,775,629	07/07/98	Cyr	242	551	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
llg	EP 0 776 848 A2 *	11/29/95	Europe				
llg	JP 8-309890 *	11/26/96	Japan			Abstract	
llg	GB 2 315 041 *	01/21/98	United Kingdom				
llg	WO 96/35574 *	11/14/96	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

Linda L Gray

DATE CONSIDERED

1-24-03

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<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  <div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> <b>JUN 17 2002</b> </div>				ATTY DOCKET NO. <b>DD-023-1-US</b>		SERIAL NO. <b>09/843,005</b>	
				Scott K. Middelstadt et al.			
				FILING <b>04/26/2001</b>		GROUP <b>Art Unit 1734</b>	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>elo</i>	5,839,634	11/24/98	Pollard et al.	225	39		
<i>elo</i>	5,913,991	06/22/99	Kubota et al.	156	64		
<i>elo</i>	5,947,360	09/07/99	Frank	225	39		
<i>elo</i>	6,173,876	01/16/01	Sano et al.	225	39		

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			

EXAMINER <i>Linda L Hay</i>	DATE CONSIDERED <i>1-24-03</i>
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# INFORMATION DISCLOSURE STATEMENT

BY APPLICANT

Docket: DD-023-1-US-01

App: 09/843,005

Applicant: Middelstadt et al.

Filed: April 26, 2001

Art Unit: 1734

## U.S. PATENT DOCUMENTS

Init.*	Number	Date	Name	Class	Sub	Filed
llg	3,618,483	09 Nov 1971	Helm	493	345	
llg	3,660,208	02 May 1972	Hubbard	156	571	
llg	3,957,570	18 May 1796	Helm	156	519	
llg	4,364,787	21 Dec 1982	Radzins	156	164	
llg	5,224,405	06 July 1993	Pohjola	83	29	
llg	6,172,698	09 Jan 2001	Iwata et al.	347	171	

## FOREIGN PATENT DOCUMENTS

	Number	Date	Country	Class	Sub	
llg	WO 00/15729	23 Mar 2000	WIPO/PCT			

## OTHER DOCUMENTS


EXAMINER:

Linda L Gray

DATE

1-24-03

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